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Differential Subordination Results for New Classes of the Family $\mathcal{E}(\Phi, \Psi)$

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Abstract: We define new classes of the family $\mathcal{E}(\Phi, \Psi)$, in a unit disk

$$\Re\left\{\frac{F(z) * \Phi(z)}{F(z) * \Psi(z)}\right\} > 0, \ \ z \in U, \ F(z) * \Psi(z) \neq 0$$ where the operator $*$

denotes the convolution or Hadamard product. Moreover, we establish some subordination results for these new classes.

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